## TESTIS-SPECIFIC RECEPTOR

## ABSTRACT OF THE DISCLOSURE

polypeptides, polynucleotides receptor Novel the polypeptides, and related compositions and encoding methods The polypeptides comprise an disclosed. are cell-surface receptor is extracellular domain of a expressed in testis cells. The polypeptides may be used promote methods for detecting ligands that within proliferation and/or differentiation of testis cells, and may development of male-specific the also be used in contraceptives and infertility treatments.